

## **BUFFER MANAGEMENT FOR A TARGET CHANNEL ADAPTER**

### **ABSTRACT**

A method, apparatus, system, and signal-bearing medium that in an embodiment determine whether a current number of buffers allocated to a queue pair is less than a  
5 maximum number of buffers for the queue pair, decide whether a current number of buffers allocated to an operation type is less than a maximum number of buffers for the operation, and allocate a buffer to the queue pair if the queue pair requests the buffer for an operation having the operation type and the determining and the deciding are true. In this way, too much buffer space is prevented from being assigned to particular operation  
10 and to a particular queue pair.